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Essence of Indian Knowledge and Tradition — Complete Syllabus

BTEUP Diploma in Electrical Engineering • 4th Semester • Session 2026-27

Subject 4.8 (Audit Course) (Q) • 50 Marks internal • 0 Credits • L 2 - P 0 • Qualifying only
• Assessment: Viva-Voce Exam

Please note — cover year vs approval: BTEUP's own file for this curriculum prints “YEAR 2025-2026” on its cover, while carrying the approval line “UPDATED AND APPROVED BY BOARD OF TECHNICAL EDUCATION U.P. LUCKNOW IN C.D.C MEETING HELD ON 16.07.2026” on every page. It is filed in BTEUP's 2026-27 folder (folder2627), so it is treated here as the 2026-27 syllabus on the strength of that approval. The scheme it carries is identical, subject for subject and mark for mark, to the 2025-26 scheme.

About this document: 4.8 is an audit course marked (Q) — compulsory to appear and pass, but marks are not included for percentage and division. Assessment is by viva-voce exam.

Examination Scheme

Code	Paper	Type	L - P	Credits	Internal	External	Total
4.8	Essence of Indian Knowledge and Tradition (Q)	Audit Course	2 - 0	—	50	—	NA
Essence of Indian Knowledge and Tradition Total				—	50	—	NA

What This Subject Aims To Do

To understand the fundamental aspects of the Indian Knowledge System, its integration with modern science, principles of Yoga and holistic healthcare, and practical applications in contemporary contexts.

Unit-Wise Complete Topic List

Unit	Topic	Periods	Marks Share
I	Introduction to Indian Knowledge System	16	50%
II	Modern Science and Indian Knowledge System	06	20%
III	Yoga and Holistic Healthcare	04	15%
IV	Case Studies / Assignment	02	15%

Unit - I: Introduction to Indian Knowledge System (16 Periods, 50%)

Topics: Overview of Indian Knowledge System; Importance and relevance: 1. Introduction to the Vedas, 2. Upavedas, 3. Vedangas, 4. Upangas.

Unit - II: Modern Science and Indian Knowledge System (06 Periods, 20%)

Topics: 1. Relevance of Science and Spirituality, 2. Science and Technology in Ancient India.

Unit - III: Yoga and Holistic Healthcare (04 Periods, 15%)

Topics: 1. Basic principles of Yoga, 2. Benefits of holistic healthcare practices, 3. Integration with modern healthcare.

Unit - IV: Case Studies / Assignment (02 Periods, 15%)

Topics: Practical Applications / Case studies demonstrating the relevance of Indian Knowledge System in modern times.

Reference Books

Reference books are not listed in the official syllabus for this subject.

Source: BTEUP 2nd Year curriculum (folder2627) — cover prints YEAR 2025-2026, but the approval line 'UPDATED AND APPROVED BY BOARD OF TECHNICAL EDUCATION U.P. LUCKNOW IN C.D.C MEETING HELD ON 16.07.2026' appears on every page (95 times); treated as the 2026-27 curriculum. Topic lists follow the official syllabus; short explanations are the author's own plain-English summaries, not syllabus text. Please confirm with your own polytechnic for any local changes.

